

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: claims 1-18 and 24 are allowed over the prior art of record. Claims 15-18 and 24, add in this re-issue are allowed as determined on paper of 4/13/2010. The new prior art of record filed on 11/10/2010 has been considered by the Examiner, except by the references with a lie through, this prior art does not suggests all the combination of limitations in claim 15 as whole, or its combinations with claims 16-18, or 24.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

References US 6,683,823 has not been considered because is directed to a different art, the IDS should be reviewed for correct patent number. A copy of 5063632U has not been filed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANA M. FORTUNA whose telephone number is (571)272-1141. The examiner can normally be reached on 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vickie Kim can be reached on 571-272-0579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ANA M FORTUNA/
Primary Examiner, Art Unit 1777